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| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>   |  | ATTORNEY'S DOCKET NUMBER<br><b>04791/LH</b>   |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/JP2003/014689</b>   | INTERNATIONAL FILING DATE<br><b>18 NOVEMBER 2003</b> | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10/518137</b><br>PRIORITY DATE CLAIMED<br><b>19 NOVEMBER 2002</b> |
| TITLE OF INVENTION<br><b>SYNCHRONOUS RECTIFYING SWITCHING POWER SUPPLY DEVICE</b>   |  |   |
| APPLICANT(S) FOR DO/EO/US<br><b>Makoto TAKASHIMA and Yoshimichi HIROKAWA</b>  |  |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |   |
| 1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.<br>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.<br>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.<br>4. <input type="checkbox"/> The US has been elected (Article 31).<br>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<br>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).<br>b. <input type="checkbox"/> has been communicated by the International Bureau.<br>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).<br>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<br>a. <input checked="" type="checkbox"/> is attached hereto.<br>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).<br>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<br>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).<br>b. <input type="checkbox"/> have been communicated by the International Bureau.<br>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.<br>d. <input type="checkbox"/> have not been made and will not be made.<br>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).<br>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).<br>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).<br>Items 11 to 20 below concern document(s) or information included:<br>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.<br>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.<br>13. <input checked="" type="checkbox"/> A preliminary amendment.<br>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.<br>15. <input type="checkbox"/> A substitute specification.<br>16. <input type="checkbox"/> A power of attorney and/or change of address letter.<br>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.<br>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).<br>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).<br>20. <input checked="" type="checkbox"/> Other items or information: |  |   |

Int. Search Report; form PTO/SB/08A; 6 references;  
 Change of Correspondence Address; Request for  
 Publication of Assignment Information; forms  
 PCT/RO/105; PCT/ISA/202; PCT/IB/301; PCT/IB/304; 5  
 sheets formal drawings (Figs. 1-8).

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*Barbara Villani*  
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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><div style="font-size: 24pt; font-weight: bold; text-align: center;">10/518137</div>  |              | INTERNATIONAL APPLICATION NO.<br>PCT/JP2003/014689                            |            | ATTORNEY'S DOCKET NUMBER<br>04791/LH   |        |
| 21. The following fees are submitted:  |              |   |            |  |        |
| <input checked="" type="checkbox"/> a) Basic national fee..... \$300.00<br><input checked="" type="checkbox"/> b) Examination fee..... \$200.00<br><input checked="" type="checkbox"/> c) Search fee..... \$500.00<br><br><div style="text-align: right;">TOTAL OF ABOVE CALCULATIONS = \$1000.00</div>  |              |   |            | <div style="border-bottom: 1px solid black; margin-bottom: 5px;">\$ 300.00</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">\$ 200.00</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">\$ 500.00</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">\$ 1000.00</div> |        |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |              |   |            |  |        |
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| - 100 =  | /50 =        |   | x \$250.00 | \$ .00   |        |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).   |              |   |            | \$ .00   |        |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA  | RATE       |  |        |
| Total claims   | 8 - 20 =     | 0   | x \$50.00  | \$ .00   |        |
| Independent claims   | 2 - 3 =      | 0   | x \$200.00 | \$ .00   |        |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |              |   | + \$360.00 | \$ .00   |        |
| TOTAL OF ABOVE CALCULATIONS =  |              |   |            | \$ 1000.00   |        |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |   |            | \$ .00   |        |
| SUBTOTAL =   |              |   |            | \$ 1000.00   |        |
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| TOTAL NATIONAL FEE =   |              |   |            | \$ 1000.00   |        |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   |              |   |            | \$ 40.00   |        |
| TOTAL FEES ENCLOSED =  |              |   |            | \$ 1.040.00  |        |
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| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.   |              |   |            |  |        |
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|  |              |   |            | Leonard Holtz  |        |
|  |              |   |            | NAME   |        |
|  |              |   |            | 22,974   |        |
|  |              |   |            | REGISTRATION NUMBER  |        |

10/518137

JT12 Rec'd PCT/PTO 15 DEC 2004

Attorney Docket No. 04791/LH

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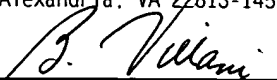
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Serial No. : Based on  
PCT/JP2003/014689

Filed : Herewith

  
Barbara Villani

For : SYNCHRONOUS RECTIFYING  
SWITCHING POWER SUPPLY  
DEVICE

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by credit card payment attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper, to Account No. 06-1378.

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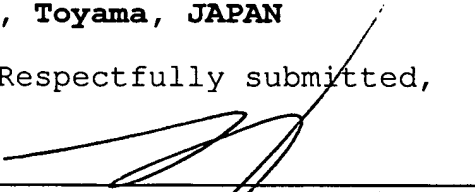
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S I R :

It is requested that the following assignment information be published as part of the 18 month publication of the present application:

**COSEL CO., LTD.  
1-6-43, Kamiakaemachi,  
Toyama-shi, Toyama, JAPAN**

Respectfully submitted,

  
LEONARD HOLTZ  
Reg. No. 22,974

Frishauf, Holtz, Goodman & Chick, P.C.  
767 Third Avenue - 25th Floor  
New York, New York 10017-2023  
(212) 319-4900  
Fax No. (212) 319-5101  
LH/bv

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PTO/SB/122 (10-00)

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|   | Filing Date            | Herewith         |
|   | First Named Inventor   | TAKASHIMA        |
|   | Group Art Unit         |                  |
|   | Examiner Name          |                  |
|   | Attorney Docket Number | 04791/LH         |

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- ☒ Attorney or Agent of record. **Registration No. 22,974**
- ☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_.

Typed or Printed

Name

Leonard Holtz, Reg. No. 22,974

Signature

Date

December 15, 2004

Telephone:

(212) 319-4900

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.

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